

As to the Abstract, the Abstract has been replaced by the enclosed, revised Abstract.

As to the Figures, the numbering of the Figures will be corrected to be consistent with the enclosed amendment to the drawings.

In the Claims:

Please amend claims 1, 5, 7, 8, and 10-12 to read as follows:

1. (Twice Amended) A surface treatment apparatus for generating plasma by plasma generating electrodes in a casing having plasma generating electrodes, a raw-gas inlet and a substrate supporting table, plasma ionizing the raw gas and plasma processing a surface of said substrate, which is mounted on said substrate supporting table; wherein

said casing is partitioned to two chambers, that is, a plasma generating chamber provided with said plasma generating electrodes and a substrate processing chamber provided with said substrate supporting table, one of the plasma generating electrodes separates the plasma generating chamber from the substrate processing chamber;

said substrate processing chamber communicates with said plasma generating chamber through at least one plasma vent which is formed at said one of the plasma generating electrodes; and

the electrodes, which are disposed so as to interpose a plasma flow spurted out from the plasma vent therebetween, are provided in and between the vicinity of said plasma vent and the vicinity of said substrate supporting table.

5. (Twice Amended) A surface treatment apparatus according to claim 1, wherein high frequency electric power is inputted to said plasma generating electrodes.

7. (Twice Amended) A surface treatment apparatus according to claim 1, wherein said plasma vent has a required orifice shape or a nozzle shape.

8. (Twice Amended) A surface treatment apparatus according to claim 1, wherein said raw-gas inlet defines an opening on a side face of said plasma vent.